

Title (en)

CLAMP CONNECTOR FOR CLAMPING TOGETHER CONNECTING PIECES ON PIPELINES

Title (de)

KLEMMVERBINDER ZUM ZUSAMMENSPANNEN VON VERBINDUNGSSTUTZEN AN ROHRLEITUNGEN

Title (fr)

DISPOSITIF DE SERRAGE POUR FIXER PAR SERRAGE DES TUBULURES DE RACCORDEMENT À DES CONDUITES

Publication

EP 2281134 B1 20121114 (DE)

Application

EP 09757148 A 20090417

Priority

- EP 2009002826 W 20090417
- DE 102008026563 A 20080603

Abstract (en)

[origin: WO2009146764A1] A clamp connector for clamping together connecting pieces (5) on pipelines, having two clamping ring parts (1, 3) which are connected at one end by means of a joint arrangement (11) and which are pivotable about said joint arrangement (11) between spread positions and clamping positions in which said clamping ring parts (1, 3) are situated close to one another, and having a clamping device which is situated at the opposite end of the clamping ring parts (1, 3) from the joint arrangement (11), which clamping device has a clamping screw (19) which can be pivoted from an active position, in which said clamping screw (19) interacts with the clamping ring parts (1, 3) in order to generate a clamping force which presses said clamping ring parts (1, 3) into the clamping positions, and a release position in which said clamping screw (19) is pivoted away from said clamping positions and in which the clamping ring parts (1, 3) are released, is characterized in that the clamping device has a locking device (25, 27) which, in the active state thereof, prevents the clamping screw (19) from being pivoted out into the release position and which, as a function of the spread of the clamping ring parts (1, 3), passes through a predefined opening angle from the active state into a release state in which the clamping screw (19) can be pivoted out.

IPC 8 full level

F16L 23/10 (2006.01)

CPC (source: EP US)

F16L 23/10 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009146764 A1 20091210; AU 2009254295 A1 20091210; AU 2009254295 B2 20131003; BR PI0913239 A2 20160119; BR PI0913239 B1 20190924; CA 2724714 A1 20091210; CA 2724714 C 20150217; CN 102057201 A 20110511; CN 102057201 B 20121128; DE 102008026563 A1 20091217; EP 2281134 A1 20110209; EP 2281134 B1 20121114; ES 2394242 T3 20130123; HK 1153258 A1 20120323; JP 2011522189 A 20110728; JP 5519650 B2 20140611; KR 101533261 B1 20150703; KR 20110017868 A 20110222; MX 2010013325 A 20110121; PL 2281134 T3 20130430; PT 2281134 E 20121210; RU 2010151498 A 20120720; RU 2479781 C2 20130420; US 2011042947 A1 20110224; US 8196971 B2 20120612

DOCDB simple family (application)

EP 2009002826 W 20090417; AU 2009254295 A 20090417; BR PI0913239 A 20090417; CA 2724714 A 20090417; CN 200980120452 A 20090417; DE 102008026563 A 20080603; EP 09757148 A 20090417; ES 09757148 T 20090417; HK 11107266 A 20110713; JP 2011511990 A 20090417; KR 20107026913 A 20090417; MX 2010013325 A 20090417; PL 09757148 T 20090417; PT 09757148 T 20090417; RU 2010151498 A 20090417; US 73657209 A 20090417